

DETOUR

**∖1500 FT** 

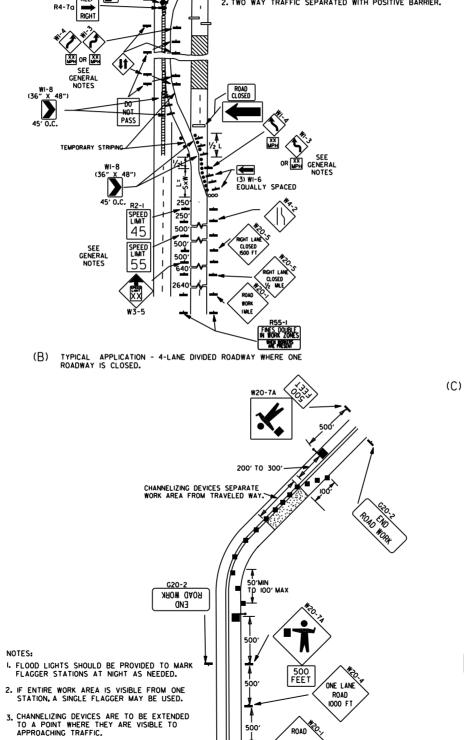
TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.

WEST 4

I. REGULATORY TRAFFIC CONTROL DEVICES TO BE MODIFIED AS NEEDED FOR THE DURATION OF THE DETOUR.

2. STREET NAMES MAY BE USED WHEN DESIRABLE FOR DIRECTING DETOURED TRAFFIC.

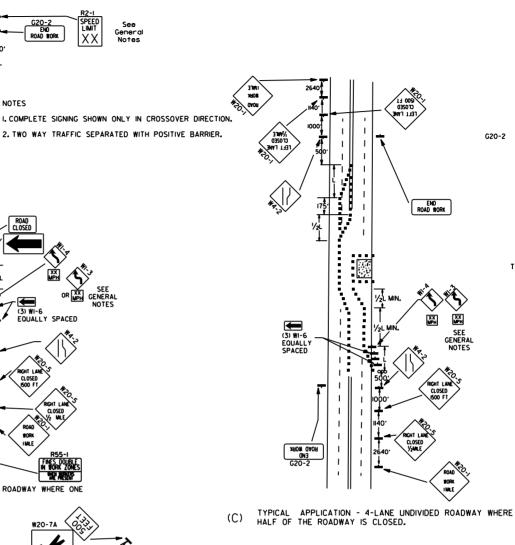
NOTES:

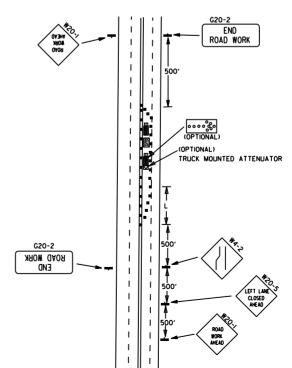


WORK

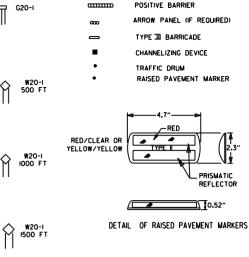
(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.

4. AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) OPTIONAL. REFER TO MUTCD.





(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.



FLAGGER

TYPICAL ADVANCE WARNING SIGN PLACEMENT

## TAPER FORMULAE:

L=SXW FOR SPEEDS OF 45MPH OR MORE.

 $L = \frac{WS}{60}^2$  FOR SPEEDS OF 40MPH OR LESS.

## WHERE:

L= MINIMUM LENGTH OF TAPER.

- S= NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.
- W= WIDTH OF OFFSET.

## GENERAL NOTES:

- I. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. THE ADVISORY SPEED WILL BE POSTED ON WI-3 OR WI-4 CURVE WARNING SIGNS. USE WI-4 WHEN SPEED IS GREATER THAN 30MPH AND WI-3 WHEN
- 30MPH OR LESS
  2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS
  REQUIRE A SPEED LIMIT OF 45MPH, THE R2-K55) SHALL BE
  0MITTED AND THE W3-5 SHALL BE INSTALLED AT THAT
  LOCATION, ADDITIONAL R2-145MPH SPEED LIMIT SIGNS SHALL
  INSTALLED AT A MAXMUM OF IMILE INTERVALS. AT THE END OF THE WORK AREA A R2-(XX)
  SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.

  3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS
  REQUIRE A SPEED LIMIT OF 55MPH, THE R2-I45) SHALL BE OMITTED.

  ADDITIONAL R2-I55MPH SPEED LIMIT SIGNS SHALL BE INSTALLED

  AT A MAXIMUM OF IMILE INTERVALS. AT THE END OF THE WORK
- AREA A R2-IXXX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.

  4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT.

  BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT, OR AS DIRECTED BY THE ENGINEER.

  5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED
- TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- 6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE
- REMOVED OR OBLITERATED AS SOON AS PRACTICABLE. 7. TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE.
- 8. DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE TYPICAL, THE CONTRACTOR MAY SUBSTITUTE SIMILAR MARKERS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING TO THE ARDOT QUALIFIED PRODUCTS LIST.
- ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).

11-07-19	REVISED NOTE I. ADDED NOTE 9	
9-2-15	REVISED NOTE 2, ADDED NOTE 8, REVISED DRAWING (A) & REPLACED R2-5A WITH W3-5	
9-12-13	REVISED DETAIL OF RAISED PAVEMENT MARKERS	
3-11-10	ADDED (AFAD)	
II-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED GENERAL NOTE	
10-18-96	ADDED R55-I	
4-26-96	CORRECTED (a) BEHIND G20-2	
6-8-95	CORRECTED SIGN IDENT. ON WI-4A	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	
DATE	REVISION	FILMED
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ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-2